2/4

App. F. IX-4

Previous References.

1948.
(Archy)

File No. 2 of 48
Serial Nos. 8, 9

Later References.
(Archy 2-48 (16, 17)

P15(E)

GENERAL AND REVENUE SECRETARIAT

Serial Nos. Two.

Part B for April 1949

SUBJECT

Deputation of Sri. S. Srinivasachar and Sri D. Jagannatha Rao of the department of Archaeology for undergoing training in Archaeological Conservation at New Delhi Lectures 16-4-49 and 18-5-1949 at cost of Govt.

G.O. No. E 11278-91/Archy 2-48-9 dated 19.4.49.

Sanctions

Shirazi Vazeersingh
21/9/49

95 11
8

Letter no. 1401, d. 9.3.67 from the Director of Archaeology in Mysore requesting sanction to the deputation of the Technical Asst. and the Architectural Asst of the Dept for undergoing training in Archaeological Conservation in New Delhi.

In G O dated 12.7.67 sanction was accorded for the deputation of the two officials for training at New Delhi at a cost of Rs 500/-.

2) The Director of Archaeology now states that the officials were not able to attend the course as the G O. referred to above was received very late and requests in the circumstances explained, sanction to the deputation of the two officials to New Delhi for training in the technique of

Archy. **URGENT** 9511/E.

Archaeological Conservation from 16.4.49 to 18.5.49 at a cost of about Rs. 600/- the amount being met from the T.A grants of the Dept. for the current year.

3) Financial concurrence is necessary. Submitted for orders.

KAS
2/4/49. 4) The proposal of the Director to depute Sri Srinivasa Char and Sri Nagesharmurthy Rao to New Delhi and to incur an expenditure of Rs 600/- out of T.A. grant of the Departmental Budget may be approved

5) Edn. Secy) 5/4

6) The Conservation Course will be given between 16.4.49 and 18.5.49. So the Candidates recommended will have to be at New Delhi very soon. The above proposal may perhaps be considered

for Secy
11/Under Secy

8/8 6/4/49
6.4.49.

GENERAL & REVENUE SECRETARIAT
U. O. NO. FL. 8303
6 APR 1949
BANGALORE.

Office of the Minister for Education.
No. 5522
Date. 13/6/49

9) The file has been received in the Education Br on 12/3/[illegible]. The D.C. had noted on 5/4/[illegible] i.c. after nearly 22 days. It comes to Bde after a further delay of 1 week. Today is 16/8/[illegible]. There are hardly 2 days more for the training course to begin. This is a very unsatisfactory state of affairs. It only shows that the Head of the Section has no grip over it. However I would like to have the explanation of the persons concerned as to why no attention had been paid to the urgency of the matter.

Order may be communicated to me by phone.

[illegible]
16/[illegible]

10) Informed by telephone as per orders this afternoon (3.40 P.M.)

11) Sulet. work a dft. S.O. for above

12) Explanation is sulet. separately.

13) Place the file before D.C. at once and put up

KAS
16/4/[illegible]

[illegible]
16/4

14) Fe cum 5870
Fwi Secy has agreed
Dosp repair pump

15) Issue today.

[illegible]
19/4 16/4

[illegible]
19/4 16/4 Issued 20/4

4 Archy

954 / E — 951/B

The Director of Archy
The Comptroller Hyd' 7-9

S.O. No. E. 11278-9 / Archy. 2-48-9
d. 19.4.49

Sanctions

Subject to ~~some~~ ~~worth~~ reference to para 13 supra.

KAS 21/4/49 Pr 574

The explanation ~~of~~ can
Case worker as called for in para 14 is placed below for kind perusal.

(Encl. seen)

28/4/49

B 3

GOVERNMENT OF MYSORE

GEN. & REV. SECTT.
9511
1643/49
Department of Archæology,
MYSORE BRANCH

Nb. 401

Encl. three

Dated 12-3-49

Mysore, 9th March 1949 194

To

The Education Secretary to the Government
of His Highness the Maharaja of Mysore,
Bangalore.

Sir,

In inviting your kind reference to G.O.No. E.276-77/Archy.2-45-45 dated 12th July 1947 (copy enclosed for ready reference) sanctioning the deputation of Sri S.Srinivasachar and Sri D.Nagesamurthi Rao, Assistants of this Department to New Delhi to undergo a course of training in the technique of Archaeological Conservation I have the honour to submit that the two officers could not attend the course during July 1947 as the order was received very late. Now the Assistant Superintendent of Archaeology, Delhi Circle, who is in charge of conservation course informs me in his D.O.letter No.D2. 49-264 dated 5th March 1949 that a conservation course would be given to the candidates from the 16th April 1949 to 18th May 1949. Copies of the Programme and the Synopses are herewith enclosed for your kind perusal Since this is a rare opportunity which would prove highly

2

beneficial in connection with the conservation work of the ancient monuments in the State particularly from the archaeological point of view, I recommend that Sri S.Srinivasachar, Technical Assistant to the Director of Archaeology and Sri D.Nagesamurthi Rao, Architectural Assistant, may kindly be deputed to undergo the course of this training. The cost of the training would come to about Rs.600/- at the present rates of railway fare and daily allowance and can be met from the T.A.Grant in the Budget of the Department for the current year.

Early orders are solicited.

Yours faithfully,

L.Narasimhachar

Ag. Director of Archaeology.

ARCHAEOLOGICAL SURVEY OF INDIA.
CONSERVATION COURSE FOR OFFICERS AND OTHER STAFF, BEGINNING FROM 16TH APRIL, 1949.

16th April, 1949.	Opening by the D.G.A. in India, History of conservation of Monuments. (by Mr.Shankar Das).		
17th " "	Sunday.		
18th " "	Building Materials	(i) bricks.	By Mr. Shankar Das.
19th " "	" "	(ii) Stone	
20th " "		(iii) Metals & woods.	
21st " "		(iv) Lime, cement and inlay work.	
22nd " "	Mathematical Calculations (by Mr. Shankar Das).		
23rd " "			
24th " "	Sunday.		
25th " "			
26th " "			
27th " "			
28th " "			
29th " "	Mathematical Calculations. (by Executive Engineer).		
30th " "			
1st May "	Sunday.		
2nd " "	Stability of foundations and different types of masonry.		By Executive Engineer.
3rd " "	Arches domes and Vaults.		
4th " "	Preservation of paintings. (by Archaeological Chemist)		
5th " "	Vegetation. (by Mr. Shankar Das).		
6th " "	Marks of Identification.		By Mr. Shankar Das.
7th " "	Grouting.		
8th " "	Sunday.		
9th " "	Edging, pointing and plastering.		
10th " "	Concrete.		
11th " "	Conservation of excavated remains.		
12th " "	Gardens.		
13th " "	Care of Epigraphs (by Dr. Chakravarti.)		
14th " "	Sunday.		
15th " "	Writing of conservation note for examination.		
16th " "	Written Examination followed by oral examination.		
17th " "	Visit to Agra and Fatehpur Sikri.		
18th " "			

"Copy"

L. Narasimhachar

Ag. Director of Archaeology.

S Y N O P S E S.

History of conservation of monuments.

MATERIAL: (i) Bricks Selection of clay. Injurious ingredients in clay. How to overcome defects. Clays that cannot be used for making bricks. Moulding. Burning.

(ii) Stones - Igneous, setimentary, and metamorphic. Some common species used in monuments in India.

(iii) Metals & Woods - Iron its manufacture and uses, copper ores manufacture and uses; use of lead and zinc in Archaeological monuments. Brass. Woods in common use in India with special reference to Archaeological Monuments.

(iv) Limes - Stone lime. Kankar lime; Burning; Testing. Cement manufacture, uses. Inlay work. The method of doing inlay work. Care required in inlay work.

MATHEMATICAL CALCULATIONS: Trignometry. History of Trigonometry. Trigonometrical ratios and equations. Solution of triangles. Logarithms and their uses. History of mechanics. Stresses and strains. Modulus and Elasticity. Modulus of rupture. Leverage in beams. Deflection in beams. Bending moment. Moments of inertia. Triangle and polygon of forces.

FOUNDATIONS & MASONRY: Distribution of weight on foundations. Safe loads, Rankine's formula. Finding defects in foundations. Precautions to be taken in securing foundations.

ARCHES, DOMBS AND VAULTS: Defects of construction in arches. Defects due to lack of care. Remedies. Defects in domes due to wrong construction Defects due to lack of care. Remedies. Defects in Vaults due to wrong design. Defects due to lack of care. Remedies.

PRESERVATION OF PAINTINGS: History of wall paintings. Technique of different types of wall paintings. Causes of decay. Preservation.

VEGETATION: Lichen, Moss, Ferns. Shrubs, trees and their effect on monuments. Planting of grass on tops of walls of excavated remains. Care to be employed in removing vegetation.

MARKS OF IDENTIFICATION: History. Different systems of marking. Marking to be done on our monuments.

GROUTINGS. Hand-grouting. Pressure-grouting. Machine-grouting. Compressed air grouting. Care to be taken in grouting.

EDGING. POINTING AND PLASTER. Purpose. Mortar. Care to be taken in their application.

CONCRETE: Purpose. Hollows in ballast of different sizes. Mortar required. Care in laying concrete.

CONSERVATION OF EXCAVATED REMAINS: Points to be taken into consideration. Removal of trees (a) with embedded roots (b) with superficial roots. Keeping the skyline.

GARDENS: History of gardens. Babylonian, Egyptian, Greek, Indian, Persian, Roman, Seventeenth century European gardens and how they were influenced by Indian gardens. Gardens of the Moghuls. Plants, shbubs and trees planted by them in their gardens; principal Moghul plants shrubs and trees.

Before coming to the course the officers must read t
ollowing books:-

(i) Trigonometry by Hall & Knight upto solution of Triangles and logarithms.

(ii) Applied Mechanics by D.A. Low, upto page 137.

(iii) Military Engineer Services Handbook Vol.I.

"Copy"

L. Narasimhachar

Ag. Director of Archaeology.

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Read:

Letter No.605 dated 16th June 1947 from the Director of Archaeology stating that another course of training in the Technique of archaeological conservation is proposed to be given by the Archaeological Survey of India at New Delhi for the benefit of persons employed in the several Archaeological Departments in India and proposing that the two marginally noted members of the staff of the Mysore Archaeological Department may be deputed to undergo the course of this training for a period of one month from 1st July 1947, the cost on this account which would come to about Rs.500/- (Rupees five hundred only) being met from the budget of the Archaeological Department for the year 1947-48.

1. Mr.S.Srinivasachar, Junior Technical Assistant.
2. Mr.D.Nagesamurthi Rao, Photographer.

- - - - -

Order No.E.276-77/Archy.2-46-45

Dated Bangalore, 12th July 1947.

Sanctioned.

Sd. P. Rajavelu,

For Secretary to Government,
Education Department.

To

The Director of Archaeology.
The Comptroller to Government through Financial Department.

- - - -

"Copy"

L. Narasimhachar

Ag. Director of Archaeology.

7

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

Read:

Government Order No. E. 276-77/Archy. 2-46-45 dated 12-7-1947 sanctioning the deputation of Sri. S. Sreenivasachar and Sri. D.Nagesamurthi Rao of the Department of Archaeology for undergoing training in Archaeological conservation at New Delhi.

(ii) Letter No. 401 dated 9-3-49 from the Director of Archaeology in Mysore stating that the two Officials referred to in Government Order dated 12-7-1947 read above were not able to attend the course of training during July 1947 as the order was received very late and requesting in the circumstances explained sanction to the deputation of Sri. S. Sreenivasachar and Sri. D. Nagesamurthi Rao, of the Department to undergo training in Archaeological Conservation at New Delhi between 13-4-1949 and 18-5-49 at a cost of about Rs. 500/- (Rupees Six hundred only) the amount being met from the T.A. grants of the Department for the current year.

Order No. E. 11278-91/Archy 2-48-9

Bangalore, Dated 19, April 1949.

Sanctioned.

for Secretary to Government,
Education Department.

KAS

The Director of Archaeology in Mysore, Bangalore.
The Comptroller to Government of Mysore through Financial Secretariat.

G. R. S. App. F VI—G 2]

SUBJECT .....

....

....

6

Diary No. of letter replied to .....

Section. Archy

File No. 2-68

Serial No. 9

General and Revenue Secretariat

( )

the *193* .

Proceedings of the Government of
His Highness the Maharaja of Mysore

Date of issue ..... 19/11/1949.

Signed by ..... Sri H.L.N.

Read— G.O. no. E. 276-72/Archy 2-46-48 dated 12.7.47 sanctioning the deputation of Sri. S. Srinivasachar and Sri. D. Nagesammathi Rao of the Dept. of Archy. etc for undergoing training in Archaeological Conservation at New Delhi.

(ii) Letter no. 1001 dated 9.3.'49 from the Director of Archaeology in Mysore stating that the two officials referred to in G.O

May this be—

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette, English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette, Kannada Part ?

Order thereon.—No.

d. 12. 1. 47 read above
were not able to attend
the course of training
during July 1947 as the
order were received only
late and requesting Sanction
to the deputation of
Sri. S. Srinivasachar
and Sri. D. Nageswamurthi Rao
of the Dept. to undergo training in Archaeological Conservation
training at New Delhi
between 16. 4. 48 and 18. 5. 48.
at a cost of about Rs. 600/- (in
words), the amount
being met from the T. A.
grants of the Dept. for the
current year.

List of Enclosure

Order no. E. 11278-9. dated
Sanctioned.

for Sd
for Secy.
Copied by
Sr. Dept.
Examined by

To.

1. The Director of Archy. in Mysore.
2. The Comptroller Govt. of M.

Sr. IC 1.5

10771/E/10

GOVERNMENT OF MYSORE

GENERAL & REVENUE SECRETARIAT
14 APR 1949
EDUCATION BRANCH

No. 405

Encl.

Department of Archæology,

Mysore, 12th April 1949 194

The Education Secretary to the Government
of His Highness the Maharaja of Mysore,
BANGALORE.

Sir,

In continuation of my letter No.401 dated 9th March 1949 recommending that Sri.S.Srinivasachar,M.A., B.T., the Technical Assistant and Sri D.Nagesamurthi Rao, Architectural Assistant of this Department be deputed to undergo conservation training to be given by the Archaeological Survey of India at Delhi, I have the honour to state that Sri S.Srinivasachar has been permitted to proceed to New Delhi on the 12th , so that he may be able to attend the classes from the 16th onwards. In this connection I have the honour to invite your kind reference to G.O.No.E.276-77/Archy.2-46-45 dated 12th July 1947 sanctioning the deputation of the above officials but as the order was received in this office twelve days after the commencement of the classes they could not proceed. Since the course is conducted very rarely

by the Archaeological Survey of India and since it would be highly beneficial to the department to depute these officials to undergo the training, I request that early orders renewing the previous sanction by Government be kindly passed.

Yours faithfully,

L. Narasimhachar

Ag. Director of Archaeology.

C. F. 74.] WD 03286—GPB—25,000

Routine Notes.

10771/8

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Orders sanctioning the deputation are under issue. Copy of this will be placed in the main file. Subject.

KAS/19.4.49

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.